Creative Enzymes®

50S ribosomal protein L16 3-hydroxylase

Cat. No. EXWM-0666

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Escherichia coli, hydroxylates an arginine residue on the 50S ribosomal protein L16, and is involved in regulation of bacterial ribosome assembly.
Synonyms	ycfD (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.11.47
Reaction	[50S ribosomal protein L16]-L-Arg81 + 2-oxoglutarate + O2 = [50S ribosomal protein L16]-(3R)-3-hydroxy-L-Arg81 + succinate + CO2
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.